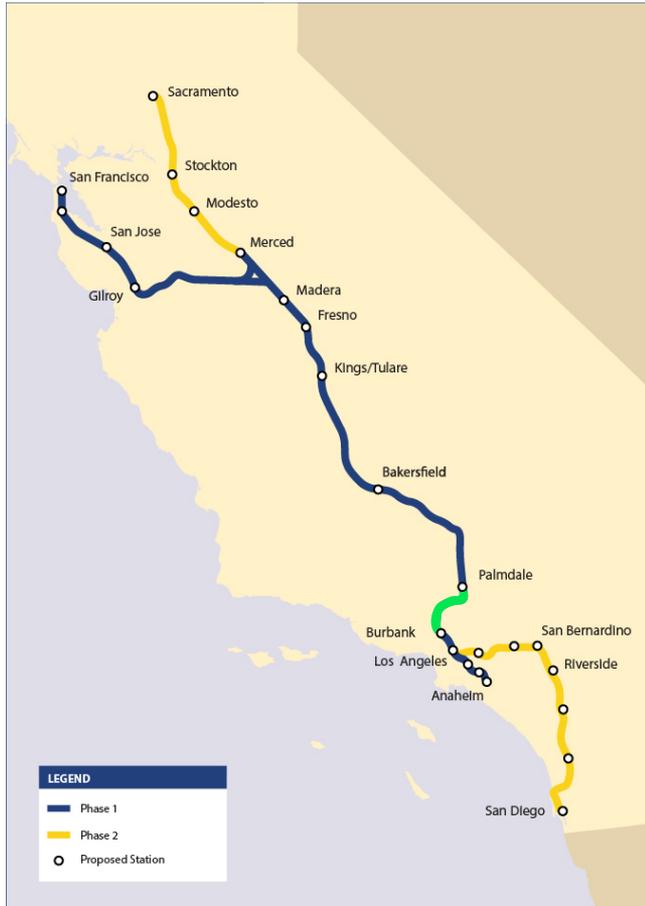


# Palmdale to Burbank Project Section Update



September 19, 2018



*Increase Mobility*



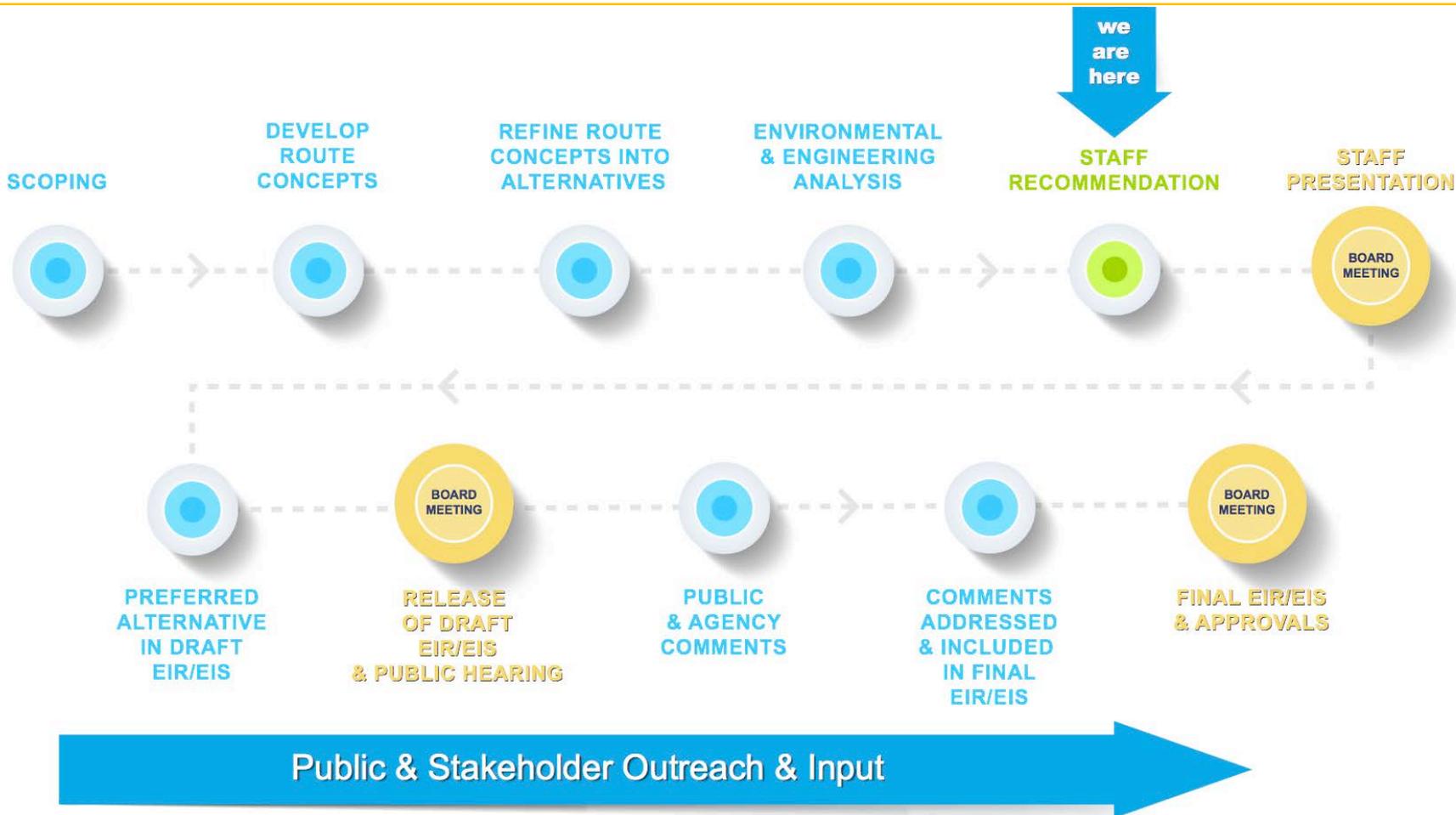
*Needed Alternative*



*Better Air Quality*



*Job Growth*



## High-Speed Rail Purpose & Need

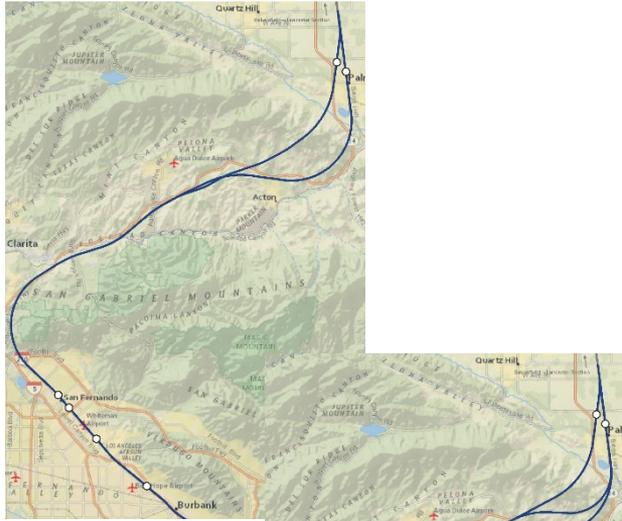
*“...provide the public with electric-powered high-speed rail service that offers predictable and consistent travel times between major urban centers...”*

- Federal NEPA processes encourage federal and state agencies to identify a Preferred Alternative before the release of the Draft Environmental Documents
- Staff recommends an alternative to the Board for their consideration prior to the release of the Draft EIR/EIS
- The Board will then direct the staff on how to proceed
- Staff is scheduled to present a recommendation to the Board on November 15, 2018 at a meeting to be held in the San Fernando Valley
- After receiving direction from the Board, staff will prepare the Draft EIR/EIS for release in late 2019

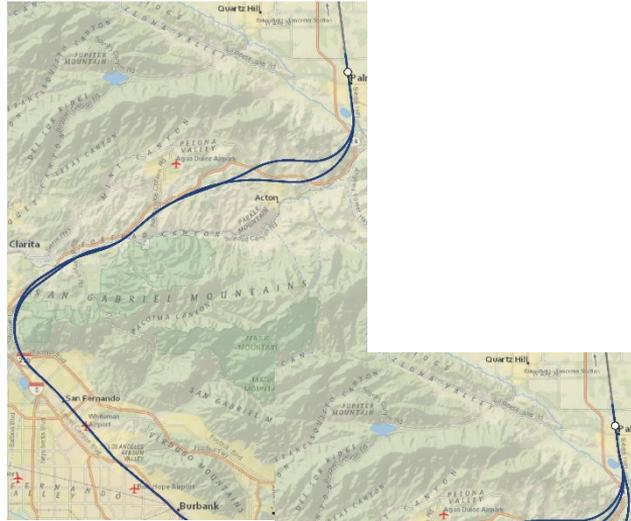


# COLLABORATIVE APPROACH BALANCES MULTIPLE PRIORITIES

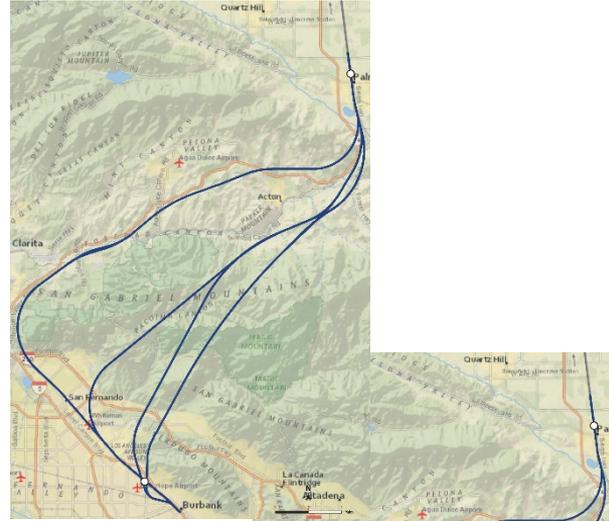




2010



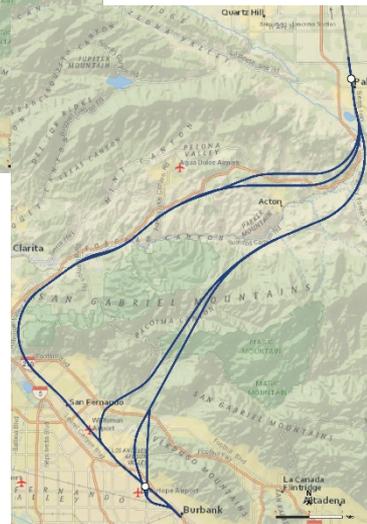
2014



2015



2012

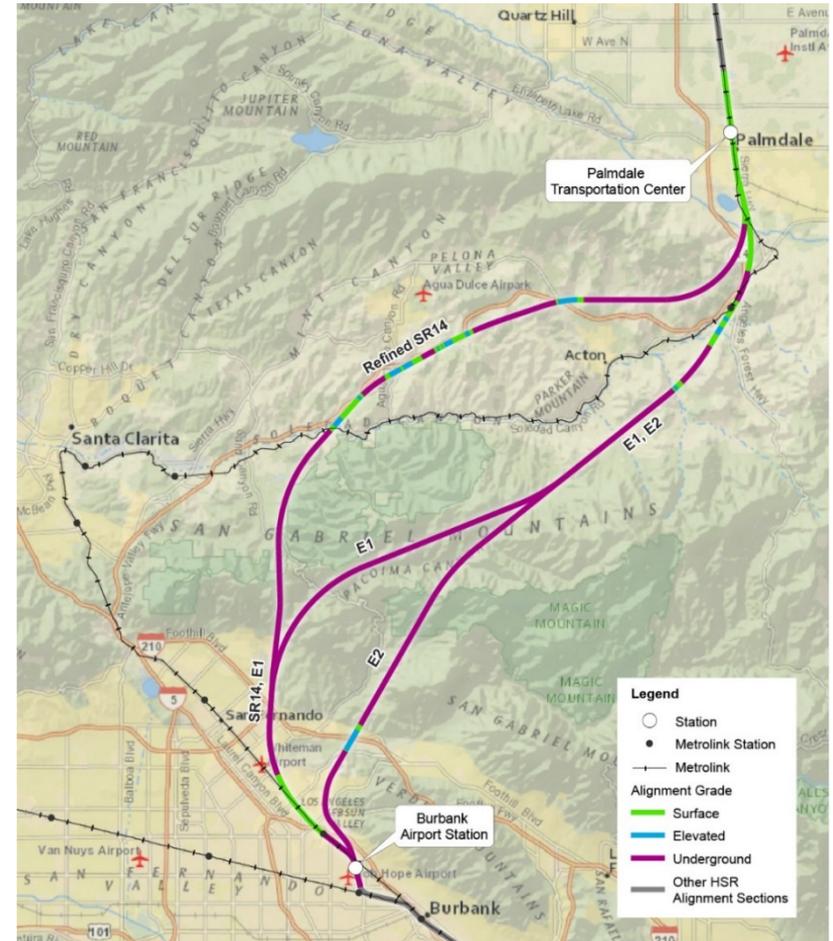


2014



2016

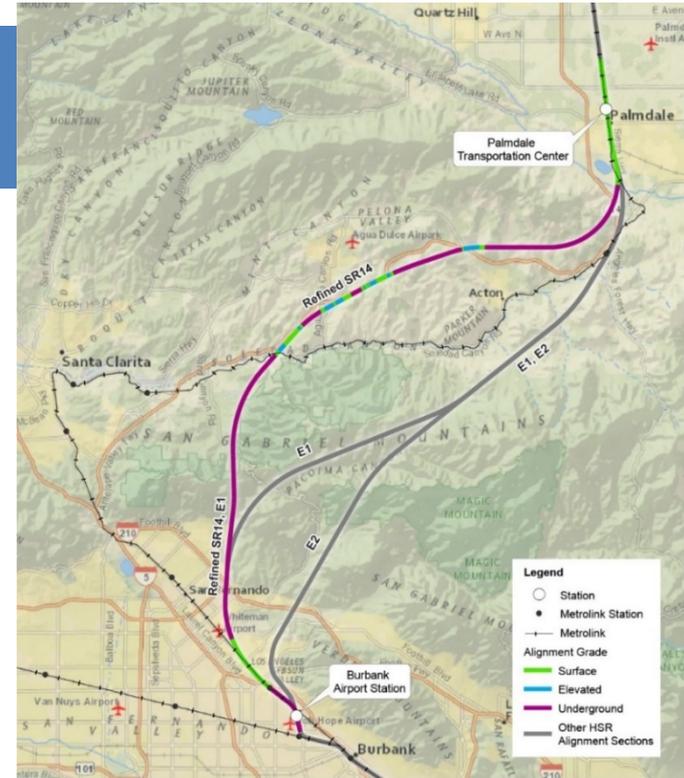
- **Three Alternatives**
  - Refined SR14
  - E1
  - E2
- **Length: 33-38 miles**
  - 22-25 miles of tunneling
  - Intermediate access points for tunnels
- **Two Stations**
  - Palmdale
  - Burbank
- **Key Considerations**
  - Highly-populated communities like Palmdale, Santa Clarita, Sylmar, San Fernando, Pacoima, Sun Valley
  - Santa Clara River, Angeles National Forest (ANF), San Gabriel Mountains National Monument (SGMMN)
  - Unique character of communities like Acton, Agua Dulce, Lake View Terrace, Shadow Hills, Kagel Canyon



## The Recommendation is the

# *Refined SR14 or "Refined Alternative"*

- 38 mile route bounded by the Palmdale & Burbank Airport Stations
- Five tunnels totaling approximately 24 miles
  - Tunnel #1 is approximately 7-miles long
  - Tunnel #2 is approximately 3-miles long
  - Tunnel #3 is approximately 0.5-miles long
  - Tunnel #4 is approximately 1-miles long
  - Tunnel #5 is approximately 13-miles long
- Starts at a multimodal station in Palmdale
- Crosses the San Andreas Fault at grade
- Bridges over the SR 14 near Red Rover Mine Road Interchange and the Santa Clara River
- Tunnels underneath the SGMNM, ANF, Sylmar & most of Pacoima
- Emerges in the San Fernando Valley near Branford Street in the industrial area of Pacoima
- Enters the existing rail corridor and travels at grade along the east side
- Enters a trench as it leaves the rail corridor to arrive at the Burbank Airport Station below grade



*In comparison with the other two build alternatives...*

the **Refined SR 14** represents the **best balance** among the impacts across the many different factors that were studied.

- is the **easiest and fastest to construct**
- has the **lowest constructability risk** related to tunnels, hydrogeologic, and geologic conditions
- has the **lowest risk of unexpected conditions or circumstances** that could impact the cost to build the project or the schedule to complete it
- would have **fewer traffic and air quality impacts within the communities** that surround it during construction
- **would generate the least amount of spoils** from tunneling

## Refined SR 14:

- has ***the shortest tunnel*** under the Angeles National Forest (ANF) and the San Gabriel Mountain National Monument (SGMNM)
- has the ***lowest risk to impacting surface or groundwater and wildlife*** within the ANF
- ***avoids key archeological*** and tribal resources
- ***reuses a former mining area for construction*** and thus has the potential benefit of restoring a highly degraded area of the ANF/SGMNM back to natural conditions

## High-Speed Rail Purpose & Need

*“...provide the public with electric-powered high-speed rail service that offers predictable and consistent travel times between major urban centers...”*

### Advantages

- Provides **sustainable reduction** in travel time between major urban centers
- **Benefits air quality** by decreasing regional greenhouse gas and pollutant emissions
- Provides short and long-term **employment benefits** and **improves access to jobs and housing**

Our work is ongoing...

*Let's keep working together!*



**Monday, September 24**

**Angeles National Golf Club, Sunland**

5:30 p.m. – 7:30 p.m.

6:00 p.m. – Presentation

**Wednesday, September 26**

**Hubert H. Humphrey Recreation Center,  
Pacoima**

*Live Webcast & Spanish Meeting*

5:30 p.m. – 7:30 p.m.

6:00 p.m. – English Presentation

7:00 p.m. – Spanish Presentation

**Thursday, September 27**

**Chimbole Cultural Center, Palmdale**

5:30 p.m. – 7:30 p.m.

6:00 p.m. – Presentation

**Saturday, September 29**

**High Desert School, Acton**

10:00 a.m. – 12:00 p.m.

10:30 a.m. – Presentation

**(866) 630-1039**

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